

TABLE 3
MCM 3 PROGRAMS - ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

ID	Program	Permit Part	Audience	Target Pollutant	Objective	Measurable Goal	Milestone Date	Description	Reasons for Selection	Person Responsible	Measure of Success	Documentation (see website)
3.1	Storm Water System Facilities Map	4.2.3.1 4.2.3.3.2 4.2.5.7 4.2.5.7.1 4.2.5.7.2	All Audiences	All pollutants	Update and maintain a current storm water facilities map	1) Map all outfalls	11/15/2015	All outfalls will be located by 1) reviewing existing storm water system mapping, 2) walking along the receiving water body to identify any new unknown outfalls, and 3) updating map of outfalls using GIS.	Knowing the location of the storm water system and the type of development near them is the first step in protecting the storm water system and receiving water bodies from pollution sources.	Program Manager	Update and maintain storm water system facilities map with latest revision date and status of mapping	Priority Areas and Inspection Points/Outfalls Map and Storm Water Facilities Map
						2) Map all city-owned or operated and existing private storm water post-construction structural controls that have been installed since January 1, 2003	5/1/2016	The city-owned or operated post-construction structural controls (not yet mapped) and private storm water post-construction structural controls for development installed since January 1, 2003, will be mapped by locating and reviewing construction drawings for developments and adding the location and ownership information into the City's GIS mapping.				
						3) Verify existing public storm water system in preparation for a Storm Drain Master Plan Update	2/1/2018	Sandy City currently maintains a map of the storm water system in GIS format, in the NAD 83 Utah Central State Plan coordinate system. The system mapping will be reviewed and updated to match current system inventory. The system will be updated by 1) reviewing outfall map and tributary storm water systems, 2) reviewing mapping with drainage field crews and identifying areas where system mapping is incorrect or missing information, 3) locate and review available maps of locations where information is incorrect or missing, 4) perform field reconnaissance and video to identify system information where mapping is unavailable, and 5) map additional areas using GIS.				
						4) Maintain current storm water facilities map by logging updates	Ongoing	Any updates to the storm water system will be mapped in GIS. After construction is complete, drawings will be provided to the Public Utilities GIS Coordinator. New Cit-owned or maintained storm drain facilities will be surveyed and flow lines will be measured and added to the GIS system mapping. Private storm water post-construction structural controls will be added to the mapping based on drawings.				

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3.2	City Ordinances	4.2.3.2 4.2.3.2.1	Engineers, Construction Contractors, Developers, Planners, and MS4 Personnel	All pollutants	Make necessary revisions to meet new permit requirements	1) Revise the storm water ordinance to include the descriptor "emergency" when exempting fire fighting flows or discharges and remove language that allows for non-storm water discharges not specifically provided for in the permit	7/1/2015	Sandy City has an ordinance in place which is Title 17, Storm Water Ordinance. The City will review the existing storm water ordinance and other pertinent ordinances and make necessary revisions to conform to the new permit requirements in order to effectively prohibit non-storm water discharges, require removal of such discharges, and implement appropriate enforcement procedures and actions.	Ordinance specifically for MS4 regulations is necessary to create and enforce the programs.	Program Manager	Updated ordinances that conform with new permit requirements	Storm Water Ordinance									
3.3	Storm Water Monitoring	4.2.3.3 4.2.3.3.1 4.2.3.3.2 4.2.3.4 4.2.3.5 4.2.3.5.1 4.2.3.6 4.2.3.6.1 4.2.3.7 4.2.3.10 5.3 5.4	MS4 Personnel	All non storm water discharges	Reduce storm water pollution by detecting and eliminating pollution sources	1) Prioritize receiving waters, identify priority areas likely to have illicit discharges, and identify priority area inspection points	6/1/2015	Sandy City will monitor the storm water system through IDDE SOPs. The SOPs will define procedures for tracing illicit discharges, removing illicit discharges, outfall inspections, priority area inspections, and employee training on identifying illicit discharges. The SOPs will be updated to be tailored to both the permit requirements and the role of responsible entities.	The storm water monitoring program is necessary to maintain standard policies, procedures, and documentation to detect and climate pollution sources.	Program Manager	Maintain an inventory of priority receiving waters and areas and inspection points	Priority Areas and Inspection Points/Outfalls Map									
						2) Develop and implement updated IDDE SOPs	5/15/2015				SOPs updated and implemented	IDDE SOPs									
						3) Inspect 20% of MS4 priority areas each year	Ongoing				Maintain a log of storm water monitoring	Cityworks database									
						4) Inspect 20% of MS4 outfalls each year					Maintain a log of inspected outfalls										
						5) Track reported illicit discharges					Maintain a database for mapping, tracking number and type of spills or dumping, and inspections conducted of illicit discharge reports										
						6) Track illicit discharge investigations					Maintain a log of illicit discharge investigations										
						3.4					Emergency Spill or Illegal Dumping	4.2.3.9 4.2.3.9.1 4.2.3.10 5.3 5.4	All Audiences	All non storm water discharges	Publicize hotline and implement online reporting of spills and other illicit discharges and respond to reports	1) Maintain active 24-hour hotline	Ongoing	The hotline number is posted on the City storm water website and is promoted through public and MS4 training.	The City desires to have a standard procedure for responding to emergency spills and illegal dumping.	Program Manager	Maintain log of calls made to hotline and reports made online
							2) Set up online system for reporting illicit discharges									6/15/2016	Set up online system for public to report illicit discharges.				
3) Develop and implement a Receive Report and Response SOP and a Spill Containment and Cleanup SOP	5/15/2015	The City will develop a SOPs that shows a procedure for responding to public referrals of illicit discharges, responsible agencies and contacts, and who will be involved in illicit discharge incidence response.	SOPs developed and implemented	Receive Report and Response SOP and Spill Containment and Cleanup SOP																	

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3.5	Household Hazardous Waste and Disposal	4.2.3.8	All Audiences	All non storm water discharges	Promote and provide service for collection of household hazardous waste	1) Continue to accept antifreeze, batteries, motor oil, and paint at Sandy City Public Works	Ongoing	Sandy City promotes the collection of household hazardous waste at Trans-Jordan Landfill, Salt Lake Valley County Health Department Household Hazardous Waste Facility, and at Sandy City Public Works A.B.O.P.	This is a permit requirement and the City already has the A.B.O.P. program in place.	Public Works Director	Maintain A.B.O.P. program and continue to publicize on City website	Information on website